

8. A device according to claim 1, wherein the storage circuits are formed on a monocrystalline wafer substrate.

a2 10. The electronic device according to claim 9, wherein the electronic device is selected from the group consisting of a television, a personal computer, a portable terminal, a video camera or a head mount display.

a3 12. A device according to claim 11, wherein the storage circuits comprise a static memory (SRAM).

13. A device according to claim 11, wherein the storage circuits comprise ferroelectric memory (FeRAM).

14. A device according to claim 11, wherein the storage circuits comprise dynamic memory (DRAM).

15. A device according to claim 11, wherein the storage circuits are formed on a glass substrate.

16. A device according to claim 11, wherein the storage circuits are formed on a plastic substrate.

17. A device according to claim 11, wherein the storage circuits are formed on a stainless substrate.

18. A device according to claim 11, wherein the storage circuits are formed on a monocrystalline wafer substrate.

21. A liquid crystal display device having a plurality of pixels, each of the plurality of pixels comprising:

wherein one of the source region and the drain region of n read transistors is electrically connected to any one of the different signal output portions of the n read storage circuit selection portions, and the other is electrically connected to one electrode of the liquid crystal element.

[illegible]

24. A device according to claim 21, wherein the storage circuits comprise static memory (SRAM).

25. A device according to claim 21, wherein the storage circuits comprise ferroelectric memory (FeRAM).

26. A device according to claim 21, wherein the storage circuits comprise dynamic memory (DRAM).

27. A device according to claim 21, wherein the storage circuits are formed on a glass substrate.

28. A device according to claim 21, wherein the storage circuits are formed on a plastic substrate.

29. A device according to claim 21, wherein the storage circuits are formed on a stainless substrate.

30. A device according to claim 21, wherein the storage circuits are formed on a monocrystalline wafer substrate.

32. The electronic device according to claim 31, wherein the electronic device is selected from the group consisting of a television, a personal computer, a portable terminal, a video camera or a head mount display.

37. A device according to claim 33, wherein the storage circuits comprise static memory (SRAM).

38. A device according to claim 33, wherein the storage circuits comprise ferroelectric memory (FeRAM).

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39. A device according to claim 33, wherein the storage circuits comprise dynamic memory (DRAM).

40. A device according to claim 33, wherein the storage circuits are formed on a glass substrate.

41. A device according to claim 33, wherein the storage circuits are formed on a plastic substrate.

42. A device according to claim 33, wherein the storage circuits are formed on a stainless substrate.

43. A device according to claim 33, wherein the storage circuits are formed on a monocrystalline wafer substrate.

44. The electronic device according to claim 44, wherein the electronic device is selected from the group consisting of a television, a personal computer, a portable terminal, a video camera or a head mount display.

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45. A method of driving a liquid crystal display device displaying an image with an n bit digital image signal (n is an integer, where $2 \leq n$), wherein the liquid crystal display device comprises a source signal line driver circuit including a shift register and a latch circuit, a gate signal line driver circuit, and a plurality of pixels, the method comprising:

in the source signal line driver circuit, outputting a sampling pulse from the shift register and inputting the sampling pulse to the latch circuit,

in the latch circuit, holding the digital image signal in accordance with the sampling pulse, and writing the held digital image signal to a source signal line,

in the gate signal line driver circuit, outputting a gate signal line selection pulse to select a gate signal line, and

29 in pixels in a row where the gate signal line is selected, performing write in of an n bit digital image signal input from the source signal line to the storage circuit and reading of the n bit digital image signal stored in the storage circuit.

47. A method according to claim 46, further comprising, in a display period of a still image, stopping the source signal line driver circuit by repeatedly reading the n bit digital image signal stored in the storage circuit to display the still image.

48. A method according to claim 46, further comprising using the method of driving the liquid crystal display device in an electronic device.

29 0016306-039001 50. A method of driving a liquid crystal display device displaying an image with an n bit digital image signal (n is an integer, where $2 \leq n$), wherein the liquid crystal display device comprises a source signal line driver circuit including a shift register, a latch circuit, a gate signal line driver circuit, and a plurality of pixels, the method comprising:

in the source signal line driver circuit, outputting a sampling pulse from a shift register and inputting the sampling pulse to the latch circuit,

in the latch circuit, holding the digital image signal in accordance with the sampling pulse and writing the held digital image signal to a source signal line,

in the gate signal line driver circuit, outputting a gate signal line selection pulse and selecting gate signal lines sequentially from a first row, and

in the plurality of pixels, performing write in of the n bit digital image signal sequentially from the first row.

51. A method according to claim 50, further comprising, in a display period of a still image, stopping the source signal line driver circuit by repeatedly reading the n bit digital image signal stored in the storage circuit to display the still image.

52. A method according to claim 50, further comprising using the method of driving the liquid crystal display device in an electronic device.

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54. A method of driving a liquid crystal display device displaying an image with an n bit digital image signal (n is an integer, where $2 \leq n$), wherein the liquid crystal display device comprises a source signal line driver circuit including a shift register, a latch circuit, a gate signal line driver circuit, and a plurality of pixels, the method comprising:

in the source signal line driver circuit, outputting a sampling pulse from a shift register and inputting the sampling pulse to the latch circuit,

in the latch circuit, holding the digital image signal in accordance with the sampling pulse and writing the held digital image signal to a source signal line,

in the gate signal line driver circuit, outputting a gate signal line selection pulse by specifying an arbitrary row of the gate signal lines, and

in the plurality of pixels, performing write in of the n bit digital image signal in an arbitrary row where the gate signal line is selected.

55. A method according to claim 54, further comprising, in a display period of a still image, stopping the source signal line driver circuit by repeatedly reading the n bit digital image signal stored in the storage circuit to display the still image.

56. A method according to claim 54, further comprising using the method of driving the liquid crystal display device in an electronic device.

Add claims 58, 59 and 60 as follows:

--58. A device according to claim 11, wherein $m > 1$.

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59. A device according to claim 21, wherein $m > 1$.

60. A device according to claim 33, wherein $m > 1$.--